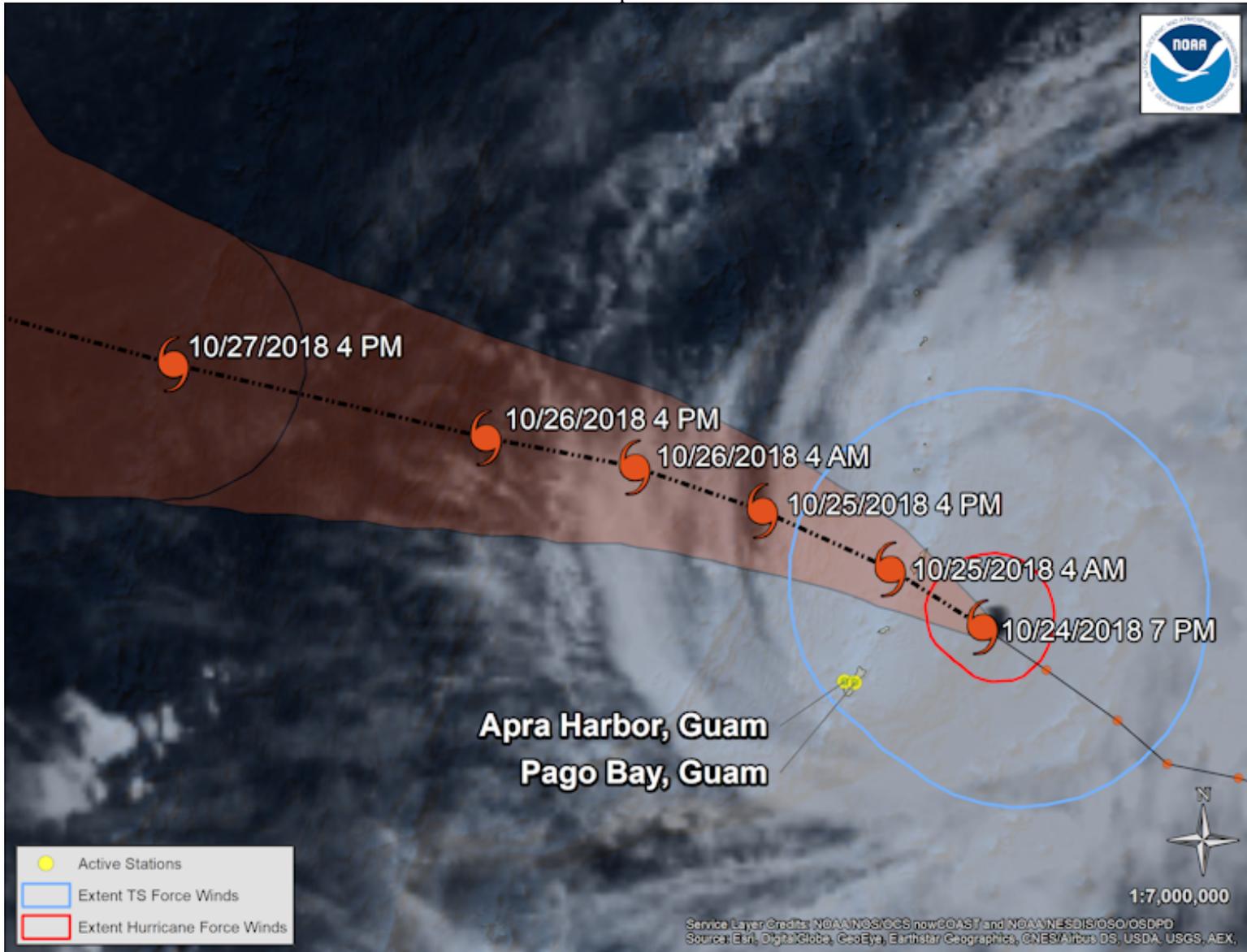




Typhoon Yutu QuickLook  
Posted: 20:00 ChST 10/24/2018

### NOAA and NOAA Partnership Stations Relative to the Storm



### Storm Analysis

As of 10/24/2018 20:00 ChST, water levels at Pago Bay, on the eastern side of Guam remain elevated between 0.5 and 1.0 feet above normal tide levels. Water levels at Apra Harbor, on the west side of the island are also elevated slightly above normal tide levels as the station approaches low tide over the next few hours.

Winds have continued to increase at Apra Harbor around 25 knots with gusts to 35 knots measured over the past 6 hours. Winds at Pago Bay are still generally below 10 knots, though gusts over 15 knots have been measured. Barometric pressure is falling at the two stations on the island.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: ADM

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Select National Weather Service Guam Advisory Information:

Super Typhoon Yutu (31W) Advisory Number 12  
National Weather Service Tiyan GU WP312018  
753 PM ChST Wed Oct 24 2018

...SUPER TYPHOON YUTU MOVING TOWARDS TINIAN...

CHANGES WITH THIS ADVISORY

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None.

WATCHES AND WARNINGS

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Typhoon warnings remain in effect for Rota, Tinian and Saipan.

A Tropical Storm Warning remains in effect for Guam, Alamagan, Pagan, and Agrihan.

Typhoon conditions are expected this evening through late Thursday morning at Rota, Tinian and Saipan.

Tropical storm conditions are expected for Guam late tonight through Thursday evening.

Tropical storm conditions are expected at Alamagan, Pagan, and Agrihan around midnight tonight through late Thursday evening.

SUMMARY OF 733 PM CHST...0933 UTC...INFORMATION

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Location...14.3N 146.7E

About 90 miles southeast of Tinian  
About 85 miles southeast of Saipan  
About 100 miles east of Rota  
About 145 miles east-northeast of Guam  
About 240 miles south-southeast of Alamagan

About 270 miles south of Pagan  
About 320 miles south of Agrihan

Maximum sustained winds...165 mph  
Present movement...north-northwest...340 degrees at 12 mph

#### DISCUSSION AND OUTLOOK

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At 733 PM CHST...0933 UTC...the eye of Super Typhoon Yutu was located by radar near Latitude 14.3 degrees North and Longitude 146.7 degrees East. Yutu is moving north-northwest at 12 mph and is expected to turn towards the northwest. The current track brings Yutu just south of Tinian early Thursday morning.

Maximum sustained winds have increased to 165 mph. Yutu is expected to continue intensifying through at least Friday and is forecast to pass near Tinian as a extremely dangerous category 5 typhoon.

Typhoon force winds extend outward from the center up to 75 miles. Tropical storm force winds extend outward from the center up to 235 miles.

#### NEXT ADVISORY

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An intermediate advisory will be issued by the National Weather Service at 1100 PM ChST followed by the next scheduled advisory at 200 AM ChST early Thursday morning.

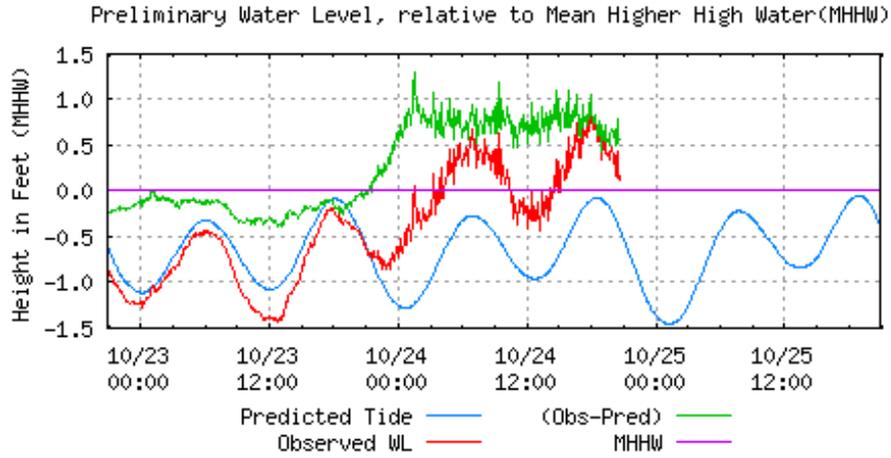
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Ziobro

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

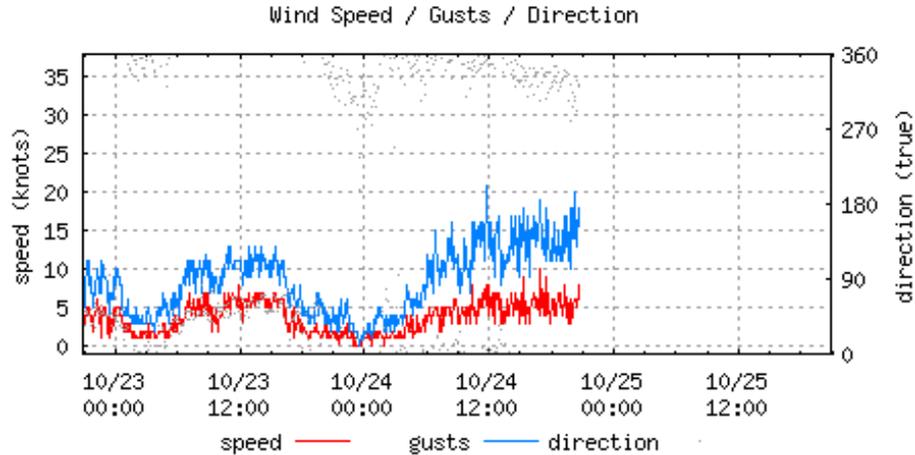
Jump to: [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#), [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#)

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



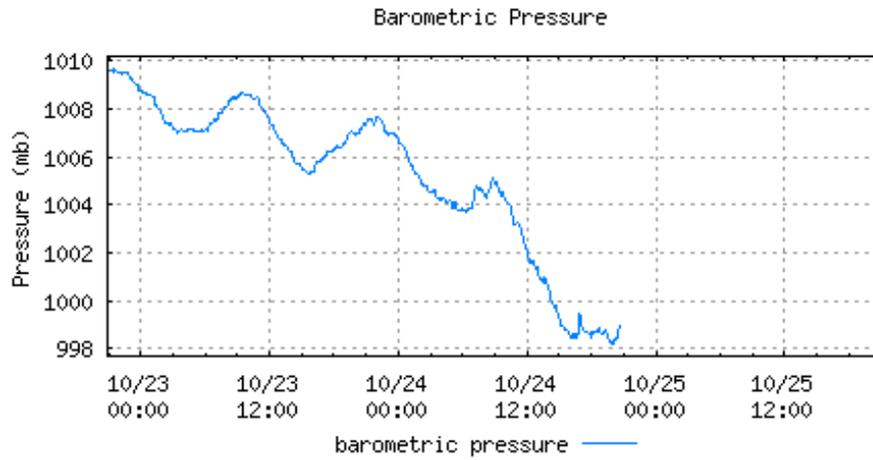
Last Observed Sample: 10/24/2018 20:42 (ChST). Data relative to MHHW  
**Observed: 0.13 ft. Predicted: -0.44 ft. Residual: 0.57 ft.**  
 Historical Maximum Water Level: Oct 20 2004, 2.40 ft.  
 Next High Tide: 10/25/2018 07:45 (ChST), -0.22 ft.

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 10/24/2018 20:42 (ChST)  
**Wind Speed: 8 knots Gusts: 16 knots Direction: 324° T**

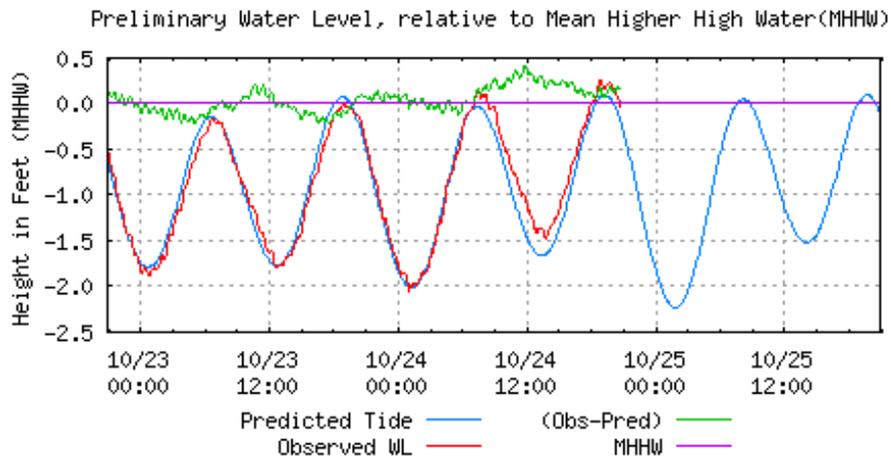
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam



Last Observed Sample: 10/24/2018 20:42 (ChST)

Barometric Pressure: 999.0 mb

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



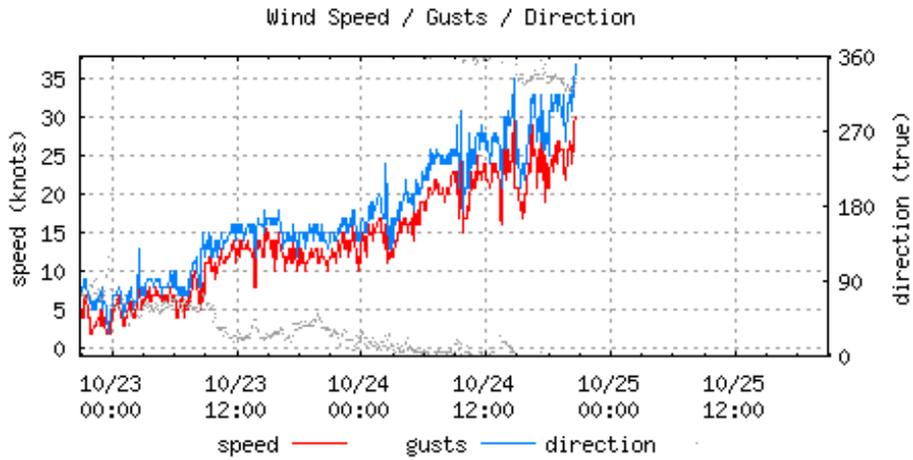
Last Observed Sample: 10/24/2018 20:42 (ChST). Data relative to MHHW

Observed: -0.04 ft. Predicted: -0.20 ft. Residual: 0.16 ft.

Historical Maximum Water Level: Aug 28 1992, 1.95 ft.

Next High Tide: 10/25/2018 08:07 (ChST), 0.05 ft.

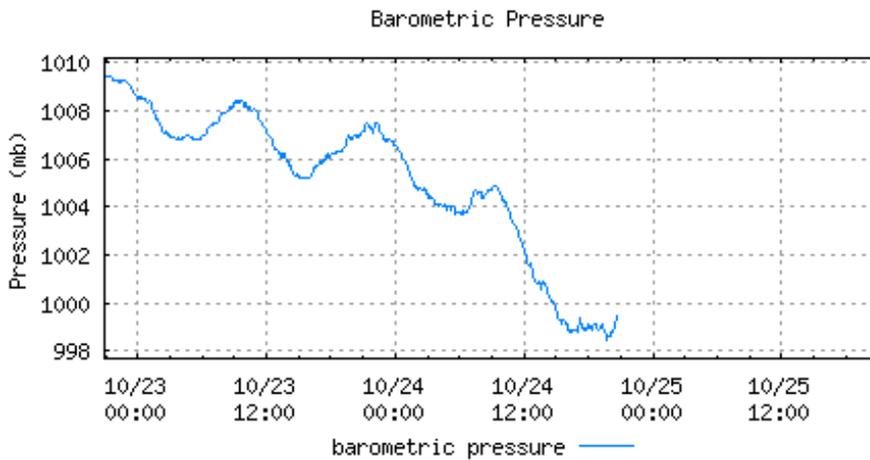
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 10/24/2018 20:42 (ChST)

Wind Speed: 30 knots Gusts: 37 knots Direction: 334° T

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam



Last Observed Sample: 10/24/2018 20:42 (ChST)

Barometric Pressure: 999.5 mb

Latest Water Level Observations on MHHW

<b>Station ID</b>	<b>Station Name</b>	<b>Date/Time</b>	<b>Observed Water Level</b>	<b>Predicted Tide</b>	<b>Residual Water Level</b>	<b>24 Hour Maximum Storm Tide</b>
1631428	Pago Bay, Guam	10/24/2018 20:42 (ChST)	0.13 ft	-0.44 ft	0.57 ft	0.96 ft
1630000	Apra Harbor, Guam	10/24/2018 20:42 (ChST)	-0.04 ft	-0.20 ft	0.16 ft	0.25 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce